

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| S1    | 1    | "20030064718"   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 08:23 |
| S2    | 3    | "6522881"   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 08:25 |
| S3    | 1    | "20020094778"   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 08:26 |
| S4    | 1    | "20020060995"   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 08:26 |
| S5    | 5    | (access adj point) same (optimal or best or strong\$4) same (location or signal) same (instruction or outline or advice or advis\$3 or suggest\$4).   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 09:33 |
| S6    | 363  | (access adj point) same ((signal adj strength) or (best or optimal)) same (location or position)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 09:36 |
| S7    | 3151 | (location or position) same (best or optimal) same (throughput or signal) same (instruction or information)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 09:38 |
| S8    | 23   | S6 and S7   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 10:40 |
| S9    | 279  | 455/41.2  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 10:40 |
| S10   | 889  | 455/438   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 10:40 |
| S11   | 1488 | 455/437   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 10:41 |
| S12   | 1116 | 455/439   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/07/20 10:41 |
| S13   | 11   | (US-20020060995-\$ or US-20020094778-\$ or US-20020147031-\$ or US-20030064718-\$ or US-20040052232-\$ or US-20040081140-\$ or US-20040203889-\$ or US-20040260808-\$).did. or (US-6522881-\$ or US-6625135-\$ or US-6873611-\$).did. | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/07/20 13:19 |

## EAST Search History

|     |        |  |                    |    |     |                  |
|-----|--------|--|--------------------|----|-----|------------------|
| S18 | 11     | (US-20020060995-\$ or<br>US-20020094778-\$ or<br>US-20020147031-\$ or<br>US-20030064718-\$ or<br>US-20040052232-\$ or<br>US-20040081140-\$ or<br>US-20040203889-\$ or<br>US-20040260808-\$).did. or<br>(US-6522881-\$ or US-6625135-\$ or<br>US-6873611-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:18 |
| S19 | 1017   | (instrucion or recomandation or<br>suggestion) same (display or<br>screen)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:20 |
| S20 | 11     | (US-20020060995-\$ or<br>US-20020094778-\$ or<br>US-20020147031-\$ or<br>US-20030064718-\$ or<br>US-20040052232-\$ or<br>US-20040081140-\$ or<br>US-20040203889-\$ or<br>US-20040260808-\$).did. or<br>(US-6522881-\$ or US-6625135-\$ or<br>US-6873611-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:20 |
| S21 | 0      | S19 and S20  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:20 |
| S22 | 279    | 455/41.2   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:21 |
| S23 | 889    | 455/438  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:21 |
| S24 | 1488   | 455/437  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:21 |
| S25 | 1116   | 455/439  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:21 |
| S26 | 0      | S22 and S23 and S24 and S25 and<br>S20   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:21 |
| S27 | 2490   | S22 or S23 or S24 or S25 or S20  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:21 |
| S28 | 0      | S19 and S27  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:22 |
| S29 | 0      | 455/S  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/20 13:22 |
| S30 | 136403 | "455"/   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:22 |
| S31 | 85991  | "455"/\$   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:23 |
| S32 | 46     | S19 and S31  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:27 |

## EAST Search History

|     |        |   |                    |    |     |                  |
|-----|--------|---|--------------------|----|-----|------------------|
| S33 | 11     | S19 and S31 and ((other or different or general or universal)) adj5 display   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:32 |
| S34 | 426    | (uplink or downlink) same (access adj point)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:35 |
| S35 | 330    | (uplink and downlink) same (access adj point)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:36 |
| S36 | 0      | S20 and S35   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:36 |
| S37 | 12     | S27 and S35   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:40 |
| S38 | 5      | S37 and (signal adj strength)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:43 |
| S39 | 620    | (server near5 connect\$4) with (access adj point)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:45 |
| S40 | 0      | S39 and S20   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:44 |
| S41 | 1089   | (server near5 connect\$4) same (access adj point)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:45 |
| S42 | 1      | S41 and S20   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:45 |
| S43 | 112    | S41 and S30   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:46 |
| S44 | 5      | S20 and server  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:48 |
| S45 | 9      | S20 and packet  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/20 13:48 |
| S46 | 11     | (US-20020060995-\$ or US-20020094778-\$ or US-20020147031-\$ or US-20030064718-\$ or US-20040052232-\$ or US-20040081140-\$ or US-20040203889-\$ or US-20040260808-\$).did. or (US-6522881-\$ or US-6625135-\$ or US-6873611-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:32 |
| S47 | 1      | S46 and (GPS)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:44 |
| S48 | 36     | (particular adj seating adj (location or area))   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:46 |
| S49 | 136510 | "455"/  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/21 07:45 |
| S50 | 3      | S49 and S48   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:45 |

## EAST Search History

|     |       |   |                    |    |     |                  |
|-----|-------|---|--------------------|----|-----|------------------|
| S51 | 309   | ((particular or best) adj (seating or service) adj (location or area))  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:48 |
| S52 | 11    | (US-20020060995-\$ or US-20020094778-\$ or US-20020147031-\$ or US-20030064718-\$ or US-20040052232-\$ or US-20040081140-\$ or US-20040203889-\$ or US-20040260808-\$).did. or (US-6522881-\$ or US-6625135-\$ or US-6873611-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:47 |
| S53 | 0     | S52 and S51   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:47 |
| S54 | 110   | S49 and S51   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:47 |
| S55 | 44    | select\$4 same ((particular or best) adj (seating or service) adj (location or area))   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:49 |
| S56 | 14    | S55 and S49   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 07:59 |
| S57 | 284   | ((seating or restuarant or dinning) near5 (area or location)) same select\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 08:02 |
| S58 | 6     | S57 and S49   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/21 08:00 |
| S59 | 381   | ((seating or (lab\$4 adj station)) near5 (area or location)) same select\$4   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/21 08:03 |
| S60 | 12    | S59 and S49   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/21 08:04 |
| S61 | 6     | S60 not S58   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/21 08:04 |
| S62 | 4075  | ((access adj point) or AP) near3 (select\$4 or determin\$5 or manag\$5))  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/04 17:12 |
| S63 | 66    | ((access adj point) or AP) near3 (select\$4 or determin\$5 or manag\$5)) near10 ((data adj rate) or throughput)   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/04 17:13 |
| S64 | 92583 | "455"/\$  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/04 17:13 |
| S65 | 29    | S63 and S64   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/04 17:13 |
| S66 | 5287  | ((access adj point) or ap) and ((data adj rate) or (data near2 throughput))   | US-PGPUB;<br>USPAT | OR | ON  | 2006/01/08 23:23 |

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|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S67 | 4911   | S66 and (test\$4 or determin\$4)   | US-PGPUB;<br>USPAT   | OR | ON | 2006/01/08 23:23 |
| S68 | 92723  | "455"/\$   | US-PGPUB;<br>USPAT   | OR | ON | 2006/01/08 23:24 |
| S69 | 1335   | S68 and S67  | US-PGPUB;<br>USPAT   | OR | ON | 2006/01/08 23:24 |
| S70 | 7919   | test\$4 and (packet near4 (bit adj rate) or (bit adj per adj second) or (bit near2 measur\$4) or (test near2 (bit near2 rate)))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:38 |
| S71 | 99316  | "455"/\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:25 |
| S72 | 103088 | "370"/\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:25 |
| S73 | 1218   | S71 and S70  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:25 |
| S74 | 1546   | test\$4 same (packet near4 (bit adj rate) or (bit adj per adj second) or (bit near2 measur\$4) or (test near2 (bit near2 rate)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:27 |
| S75 | 848    | test\$4 near10 (packet near4 (bit adj rate) or (bit adj per adj second) or (bit near2 measur\$4) or (test near2 (bit near2 rate))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:27 |
| S76 | 92     | S75 and S71  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:31 |

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S77 | 5   | S76 and (ap or (access adj point))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:29 |
| S78 | 543 | test\$4 near10 (packet near4 (bit adj rate) or (test near2 (bit near2 rate)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:38 |
| S79 | 98  | test\$4 near10 (packet near4 (bit adj rate) or (test near2 (bit adj rate)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:09 |
| S80 | 15  | test\$4 near10 (packet near4 (bit adj rate))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:49 |
| S81 | 83  | S79 not S80  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:49 |
| S82 | 16  | S81 and (wireless or mobile or portable)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 14:49 |
| S83 | 95  | (test\$4 near10 (packet near4 (bit adj rate) or (test near2 (bit adj rate)))) and ((test\$4 or determin\$4) near2 (throughput or bandwidth or (bit adj rate))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:39 |
| S84 | 12  | (test\$4 near10 (packet near4 (bit adj rate))) and ((test\$4 or determin\$4) near2 (throughput or bandwidth or (bit adj rate)))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:28 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S85 | 10 | ((user or (device or terminal or mobile or wireless or portable)) adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence)) same ((test\$4 or measur\$4 or determin\$4) adj2 (bandwidth or capacity or throughput))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:07 |
| S86 | 0  | ((user or (device or terminal or mobile or wireless or portable)) adj2 initiat\$4 adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence)) same ((test\$4 or measur\$4 or determin\$4) adj2 (bandwidth or capacity or throughput)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:49 |
| S87 | 0  | ((ap or (access adj point)) adj2 initiat\$4 adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence)) same ((test\$4 or measur\$4 or determin\$4) adj2 (bandwidth or capacity or throughput))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:39 |
| S88 | 1  | ((ap or (access adj point)) adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence)) same ((test\$4 or measur\$4 or determin\$4) adj2 (bandwidth or capacity or throughput))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:40 |
| S89 | 65 | ((user or (device or terminal or mobile or wireless or portable)) adj2 initiat\$4 adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:54 |
| S90 | 0  | ((user or (device or terminal or mobile or wireless or portable)) adj2 initiat\$4 adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence)) same ((bandwidth or capacity or throughput))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:55 |
| S91 | 10 | ((client) adj2 initiat\$4 adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:54 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S92 | 0    | ((client) adj2 initiat\$4 adj2 (send\$4 or transmit\$4) adj2 (packet or bit or sequence)) same ((bandwidth or capacity or throughput))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 19:56 |
| S93 | 5    | ((client) adj2 initiat\$4 adj2 (send\$4 or transmit\$4)) same ((bandwidth or capacity or throughput))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:07 |
| S94 | 1    | (user or device or terminal or mobile or wireless or portable) near2 initiat\$4 near2 (bandwidth or throughput or (bit adj rate)) near3 (test\$4 or determin\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:12 |
| S95 | 1    | (user or device or terminal or mobile or wireless or portable) near3 initiat\$4 near3 (bandwidth or throughput or (bit adj rate)) near4 (test\$4 or determin\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:13 |
| S96 | 7    | (user or device or terminal or mobile or wireless or portable) near4 initiat\$5 near4 (bandwidth or throughput or (bit adj rate)) near5 (test\$5 or determin\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:29 |
| S97 | 3611 | (user or device or terminal or mobile or wireless or portable) near3 initiat\$5 near4 (test\$5 or determin\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:16 |
| S98 | 8    | ((user or device or terminal or mobile or wireless or portable) near3 initiat\$5 near4 (test\$5 or determin\$4)) same ((measur\$4 or determin\$5 or test\$4 or provid\$4) adj2 (capacity or throughput or bandwidth))                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:23 |
| S99 | 18   | ((user or device or terminal or mobile or wireless or portable) near3 (initiat\$5 or start\$4 or originat\$4) near4 (test\$5 or determin\$4)) same ((measur\$4 or determin\$5 or test\$4 or provid\$4) adj2 (capacity or throughput or bandwidth)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:24 |



## EAST Search History

|          |       |  |  |    |    |                  |
|----------|-------|--|--|----|----|------------------|
| S10<br>0 | 10    | S99 not S98  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:24 |
| S10<br>1 | 8     | ((capacity or throughput or (bit adj rate)) near3 (test\$4 or determin\$4 or measur\$4)) near2 ((initiat\$4 or start\$4 or begun or begin\$4) near3 (user terminal or (access adj point) or station or ap or pda or laptop or computer)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:38 |
| S10<br>2 | 27865 | (test\$4 or measur\$4 or determin\$4) near3 (throughput or bandwidth or (bit adj rate))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:42 |
| S10<br>3 | 99316 | "455"/\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:41 |
| S10<br>4 | 2518  | S102 and S103  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:41 |
| S10<br>5 | 571   | ((test\$4 or measur\$4 or determin\$4) near3 (throughput or bandwidth or (bit adj rate))) same ((send\$4 or transmit\$4) adj2 (packet or bit))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:43 |
| S10<br>6 | 50    | S103 and S105  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/17 20:43 |